

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051420\
 Data File : VD065743.D
 Acq On : 14 May 2020 15:22
 Operator : VA/SY
 Sample : L2644-08
 Misc : 7.35G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11944

Quant Time: May 15 06:48:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 14:28:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	272871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	410837	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	357153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	160840	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	123954	56.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.74%	
35) Dibromofluoromethane	7.92	113	129495	55.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.28%	
50) Toluene-d8	10.34	98	471961	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
62) 4-Bromofluorobenzene	12.64	95	153304	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	

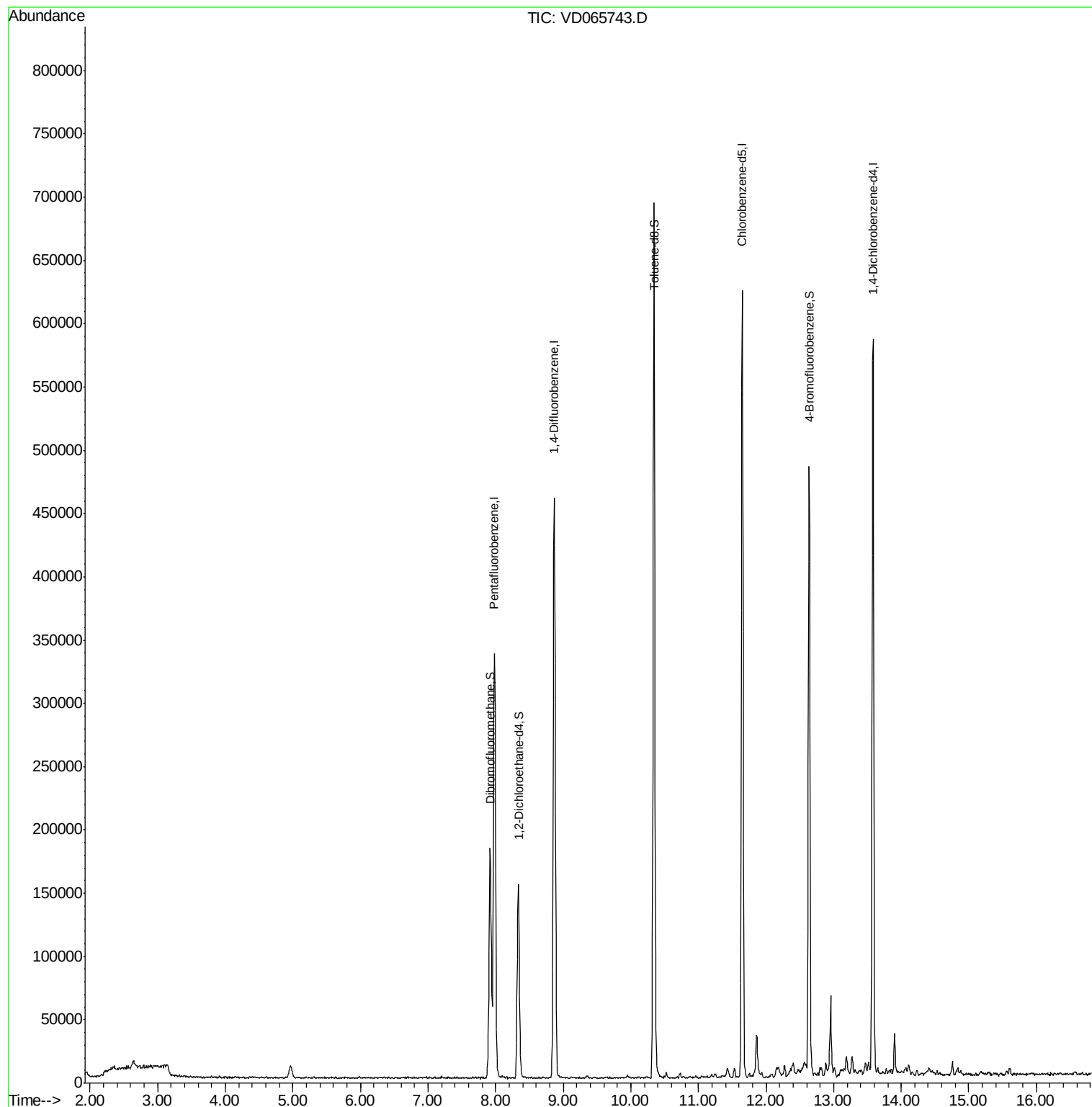
Target Compounds	Qvalue

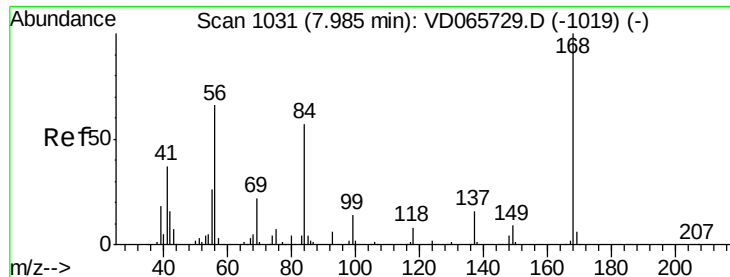
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065743.D

Acq: 14 May 2020 15:22

Instrument :

MSVOA_D

ClientSampleId :

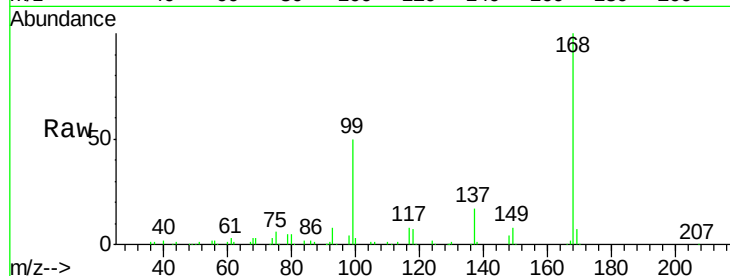
72-11944

Tot Ion:168 Resp: 272871

Ion Ratio Lower Upper

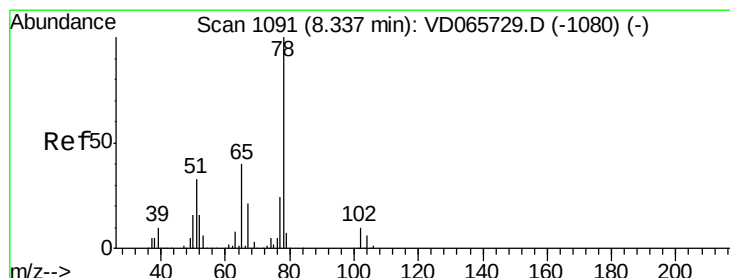
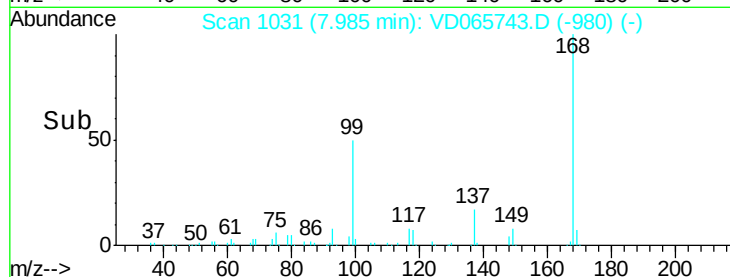
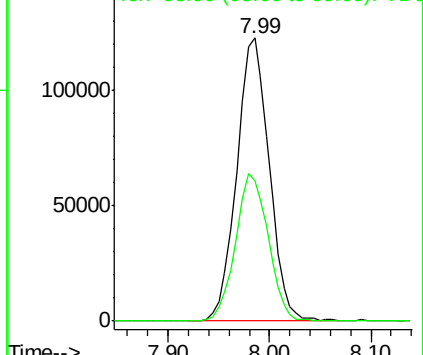
168 100

99 49.6 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 56.370 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065743.D

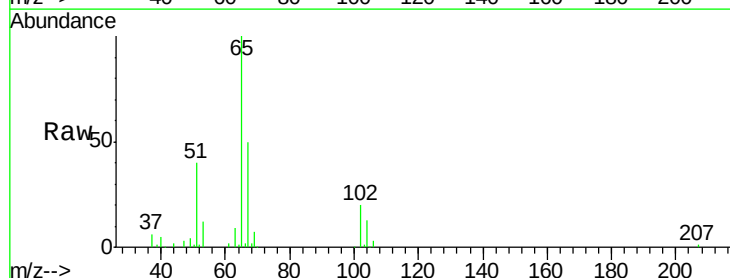
Acq: 14 May 2020 15:22

Tgt Ion: 65 Resp: 123954

Ion Ratio Lower Upper

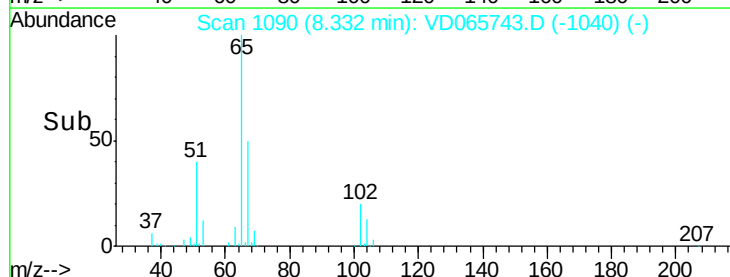
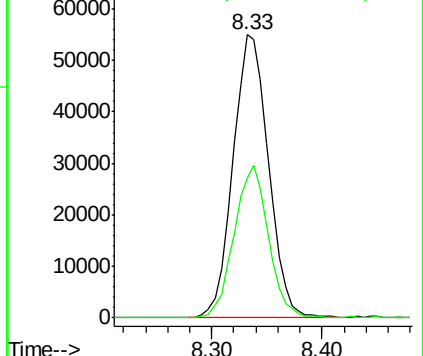
65 100

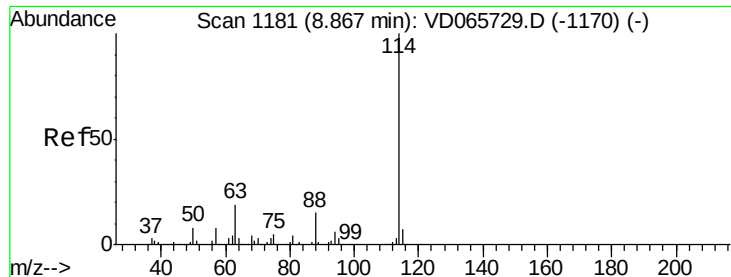
67 52.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

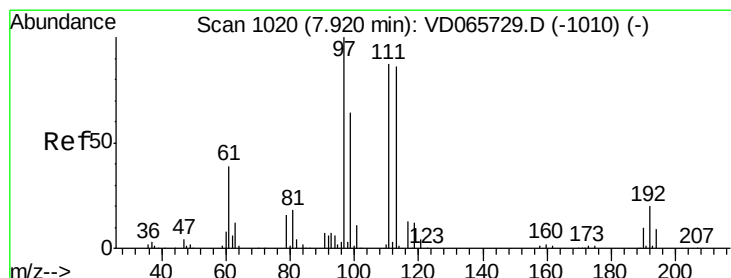
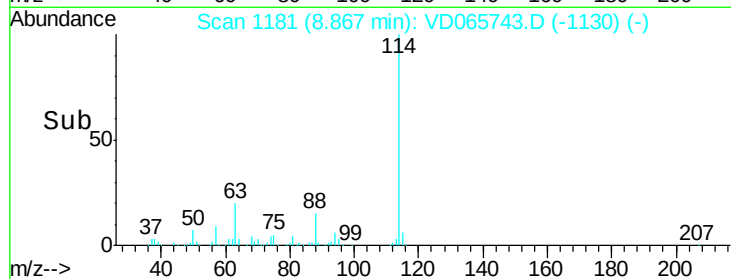
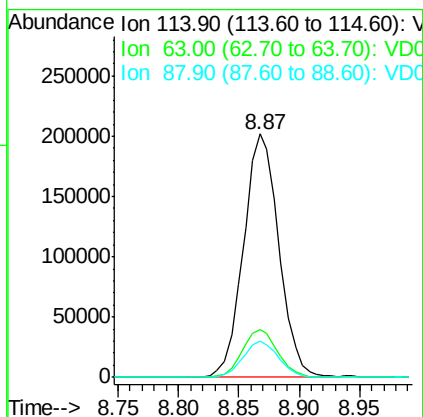
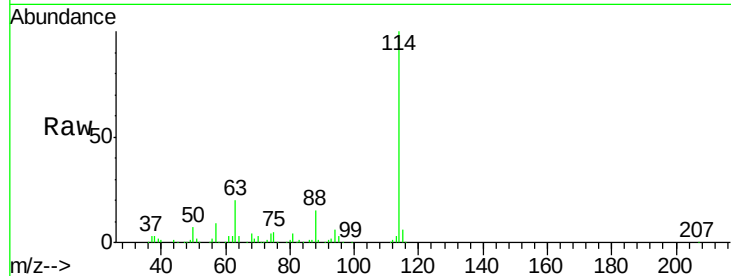




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065743.D
 Acq: 14 May 2020 15:22

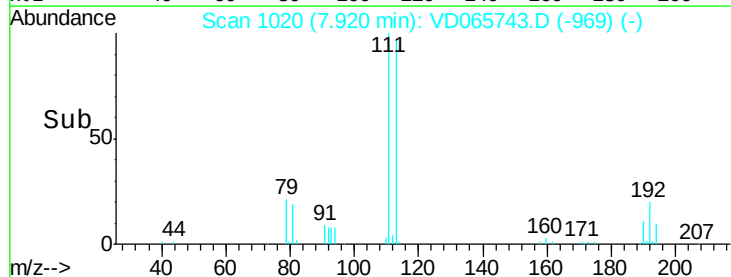
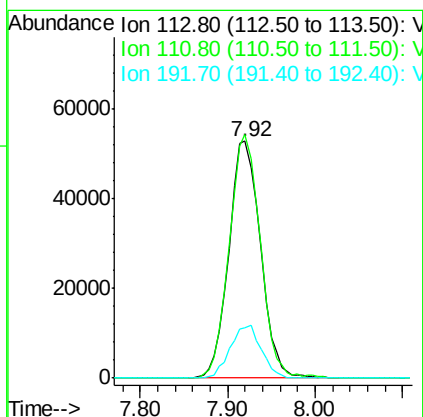
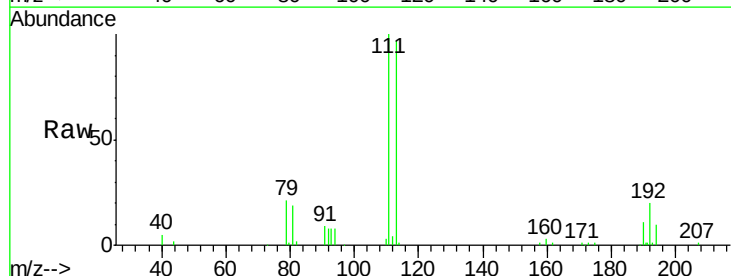
Instrument :
 MSVOA_D
 ClientSampled :
 72-11944

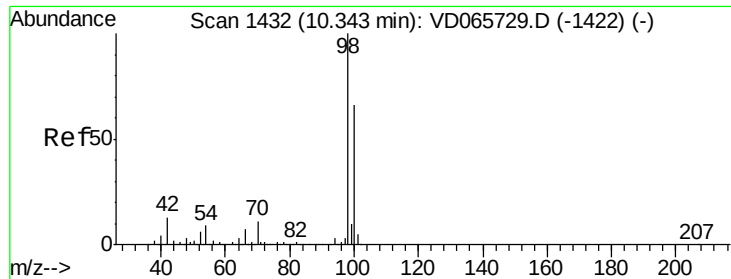
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	37.2
88	14.7	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 55.637 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065743.D
 Acq: 14 May 2020 15:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.1	121.7
192	21.8	17.6	26.4





#50

Toluene-d8

Concen: 53.262 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065743.D

Acq: 14 May 2020 15:22

Instrument :

MSVOA_D

ClientSampleId :

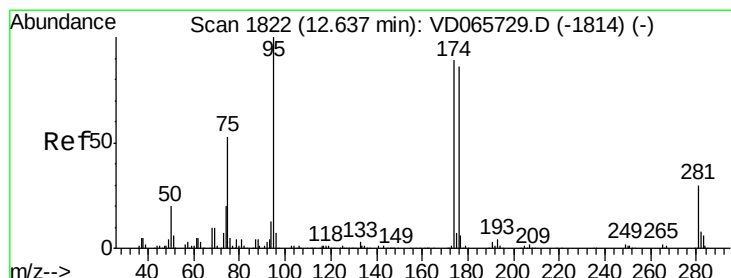
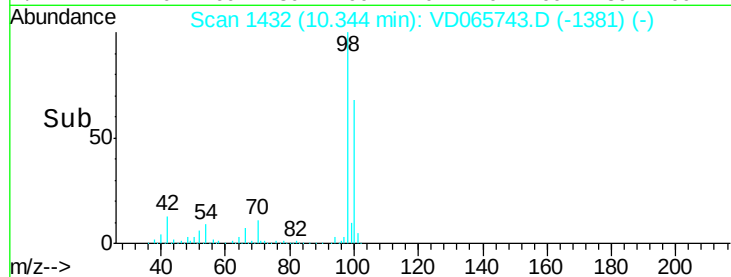
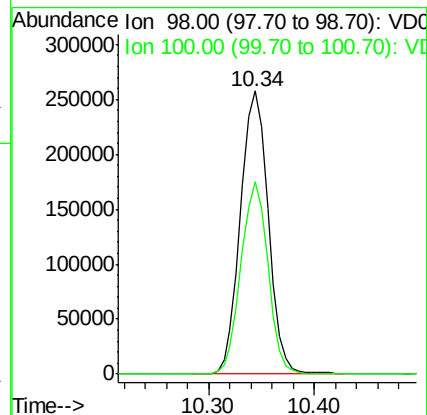
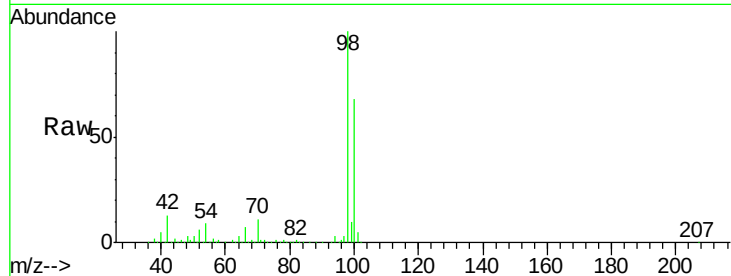
72-11944

Tot Ion: 98 Resp: 471961

Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 51.086 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065743.D

Acq: 14 May 2020 15:22

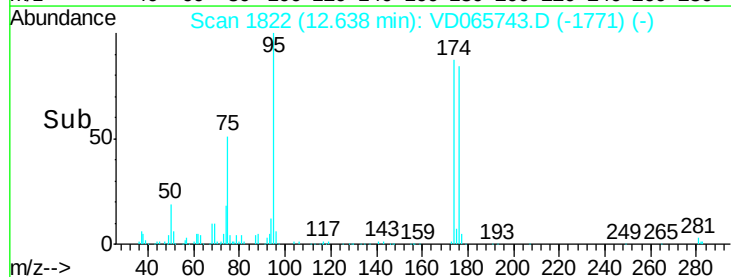
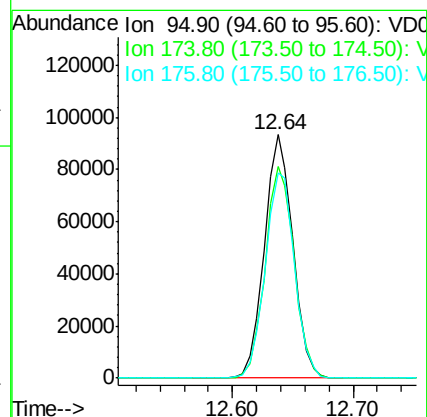
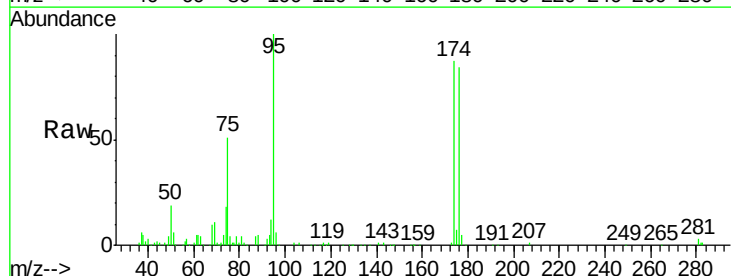
Tgt Ion: 95 Resp: 153304

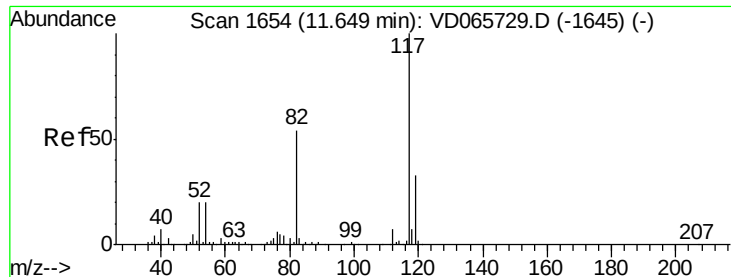
Ion Ratio Lower Upper

95 100

174 88.2 0.0 179.4

176 86.7 0.0 174.0

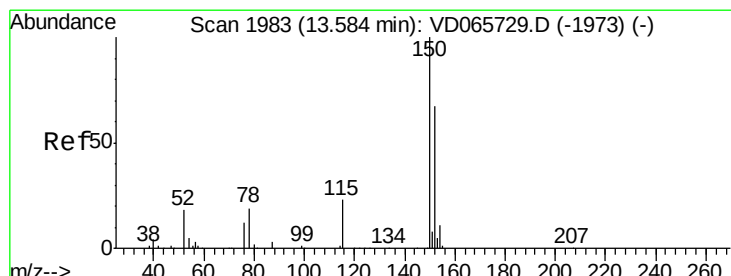
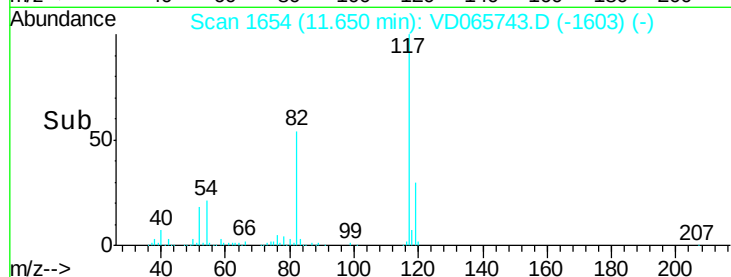
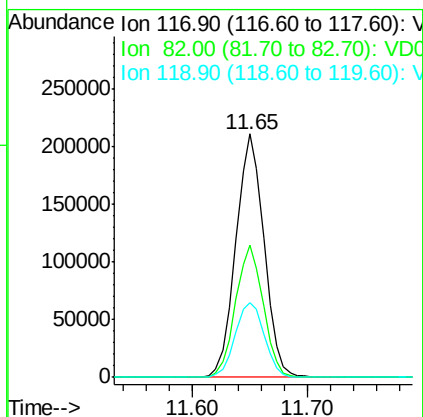
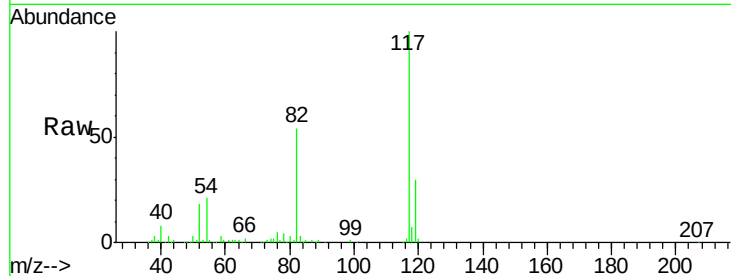




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065743.D
Acq: 14 May 2020 15:22

Instrument :
MSVOA_D
ClientSampled :
72-11944

Tot Ion:117 Resp: 357153
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.6
119 30.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065743.D
Acq: 14 May 2020 15:22

Tgt Ion:152 Resp: 160840
Ion Ratio Lower Upper
152 100
115 56.5 28.1 84.3
150 156.3 0.0 343.2

